START

IDENTIFY TEST INITIATOR — 2

SELECT DRIVERS
MATCHING TEST INITIATOR — 4

DETERMINE DRIVER
APPLICATION ORDER — 6

LOAD DRIVERS INTO
MEMORY — 8

N

RECEIVED FILE SCAN
REQUEST — 10

Y

N ← SCAN? — 12

Y

APPLY SELECTED DRIVERS
IN DETERMINED ORDER — 16

Y ← PASS? → N

18

RETURN PASS
RESULT — 14

RETURN FAIL
RESULT

20

END

FIG. 1

DRIVER TYPE

FILE TYPE TO BE SCANNED	EMBEDDED HTML	MACRO	GENERAL	TROJANS/ WORMS	GRUNT
EXECUTABLE FILES			✓	✓	✓
DOCUMENTS	✓	✓	✓	✓	✓
E MAILS ATTACHMENT		✓	✓	✓	✓
E MAIL BODIES	✓				

FIG. 2

PRIORITY ORDERING

NEWLY RELEASED

HIGHLY INFECTIOUS

HIGHLY DAMAGING

WIDESPREAD

QUICK TO SCAN

GENERAL

RARE

SLOW TO SCAN

FIG. 3

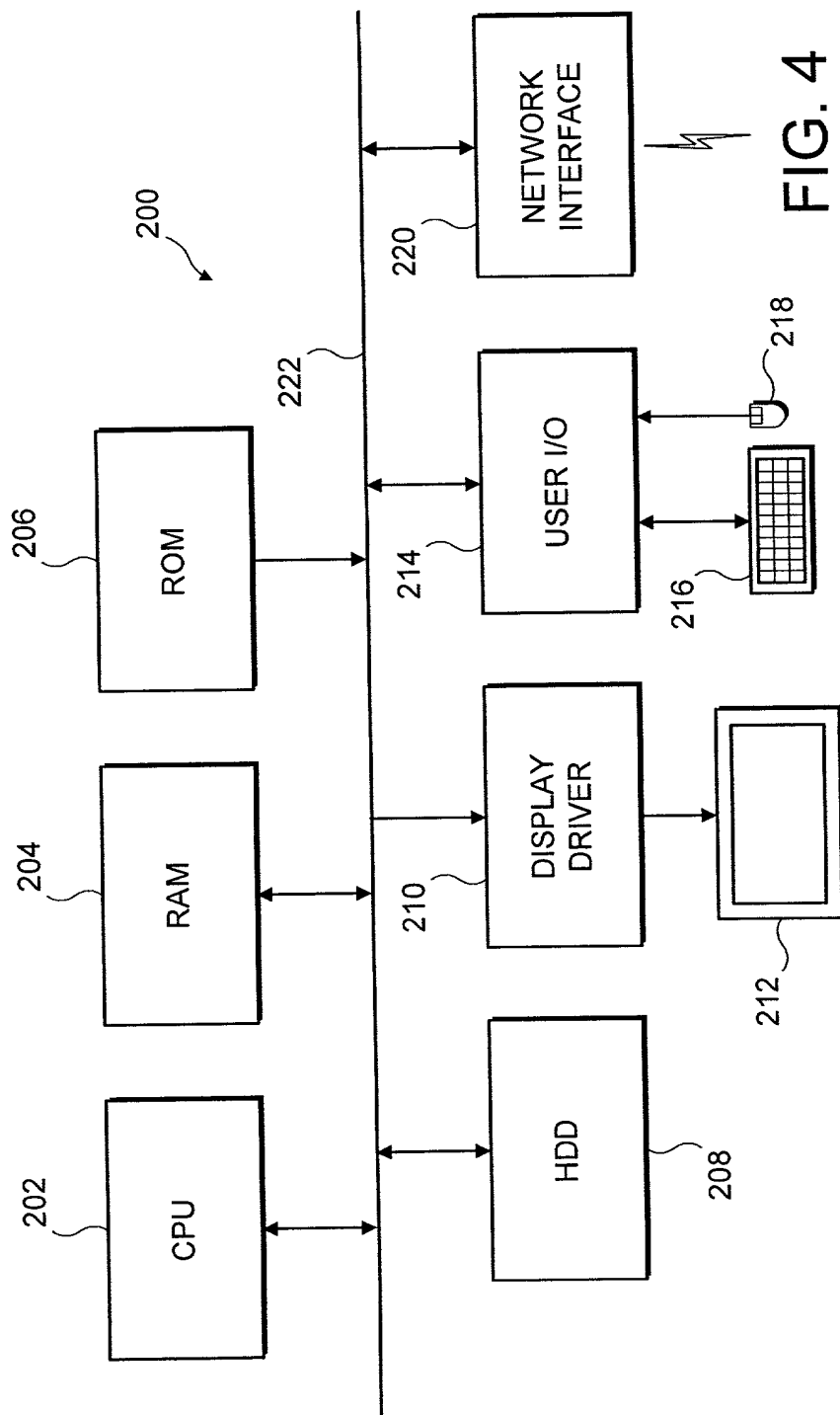FIG. 4